

INTERNATIONAL SEARCH REPORT

International Classification No

T/DE 03/01093

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | DE 197 47 603 A (BROKAT INFORMATIONSSYSTEME GMB) 20 May 1999 (1999-05-20) cited in the application | 1,2,4-8 |
| Y | abstract column 1, line 3 -column 7, line 22 claims | 3 |
| Y | EP 0 689 316 A (AT & T CORP) 27 December 1995 (1995-12-27) | 3 |
| A | abstract column 1, line 3 -column 5, line 34 column 7, line 8 -column 9, line 55 figures 1,3 | 1-8 |
| | --- | |
| | -/-- | |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

20 August 2003

Date of mailing of the international search report

01/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Aguilar Cabarrus, E

EV 321 885 889 US

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/DE 03/01093

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | WO 00 18162 A (QUALCOMM INC) 30 March 2000 (2000-03-30) abstract column 2, line 11 -column 3, line 3 column 5, line 3 -column 7, line 30 ----- | 1-8 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International

Application No

PCT/DE 93/01093

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| DE 19747603 | A | 20-05-1999 | DE 19747603 A1 | 20-05-1999 |
| | | | AT 213575 T. | 15-03-2002 |
| | | | AU 735091 B2 | 28-06-2001 |
| | | | AU 1557499 A | 17-05-1999 |
| | | | CA 2308386 A1 | 06-05-1999 |
| | | | DE 59803145 D1 | 28-03-2002 |
| | | | WO 9922486 A1 | 06-05-1999 |
| | | | EP 1027784 A1 | 16-08-2000 |
| | | | ES 2173652 T3 | 16-10-2002 |
| | | | HK 1027694 A1 | 02-08-2002 |
| | | | JP 2001522057 T | 13-11-2001 |
| | | | JP 2003158518 A | 30-05-2003 |
| | | | NO 20002182 A | 23-06-2000 |
| EP 0689316 | A | 27-12-1995 | CA 2149067 A1 | 23-12-1995 |
| | | | EP 0689316 A2 | 27-12-1995 |
| | | | JP 8032575 A | 02-02-1996 |
| WO 0018162 | A | 30-03-2000 | AU 6042899 A | 10-04-2000 |
| | | | WO 0018162 A1 | 30-03-2000 |